(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 20 January 2005 (20.01.2005)

PCT

(10) International Publication Number WO 2005/004978 A1

- (51) International Patent Classification7: H01L 21/64
- A61N 1/05,
- (21) International Application Number:

PCT/AU2004/000920

- (22) International Filing Date:
- 9 July 2004 (09.07.2004)
- (25) Filing Language:

English

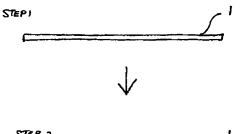
(26) Publication Language:

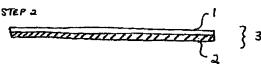
English

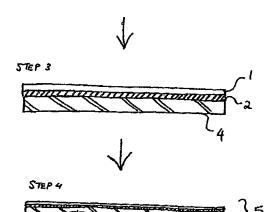
- (30) Priority Data: 2003903532
 - 9 July 2003 (09.07.2003) AU
- (71) Applicant (for all designated States except US): COCHLEAR LIMITED [AU/AU]; 14 Mars Road, Lane Cove, NSW 2066 (AU).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): SCHULLER, Peter [AU/AU]; c/-14 Mars Road, Lane Cove, NSW 2066 (AU).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: CONDUCTIVE ELEMENTS







(57) Abstract: There is disclosed a method of forming a patterned conductive element for an .implantable medical device, the method comprising [lie steps of (i) depositing a supplementary material (2) on a sheet of conductive, parent material (1) to form a sheet of composite material (3); (ii) applying a carrier material (4) over the supplementary material. (3) of the composite sheet to form a sheet of semi-finished material (5); (iii) removing portions from at least the conductive parent material (1) of the sheet of semi-rinished material. (5) in accordance with a desired pattern corresponding to a patterned conductive element to be formed; and (iv) releasing at least the carrier material (4) from the sheet of semi-finished material (5).



WO 2005/004978 A1



Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.